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IBM Docket No. RAL9-1999-0140-US1

**In the United States Patent and Trademark Office**  
**Patent Application Transmittal**

*Transmitted herewith for filing is the Patent Application of:*

Inventors(s): Brian Mitchell Bass, Jean Louis Calvignac, Marco C. Hedges, Antonios Maragkos, Piyush Chunilal Patel, Michael Steven Siegel, Fabrice Jean Verplanken  
For: Longest Prefix Match (LPM) Algorithm Implementation for a Network Processor

**Enclosed are**

71 pages of specification, including 46 claims, plus 14 sheets of drawings.

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an application.

Declaration and Power of Attorney. NOT FULLY EXECUTED

PTO-1449 & references

A return post card

Other:

**Filing Fee Calculation (For Other Than Small Entity)**

Basic Fee:					\$690.00
Claims Fees:	Filed	Limit	Extra		Rate per Extra
Total claims:	46	20	26		\$18.00
Independent claims:	4	3	1		\$78.00
Multiple Dependent Claim Presented				\$260.00	\$0.00
				<b>Total</b>	<b>\$1,236.00</b>

Please charge Deposit Account 09-0464 for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

<i>Express Mail Certificate</i>	
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Date: April 6, 2000	
I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to the Assistant Commissioner for Patents, Washington, DC 20231	
<i>Karen Orzechowski</i>	
Karen Orzechowski	

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Date: April 6, 2000

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